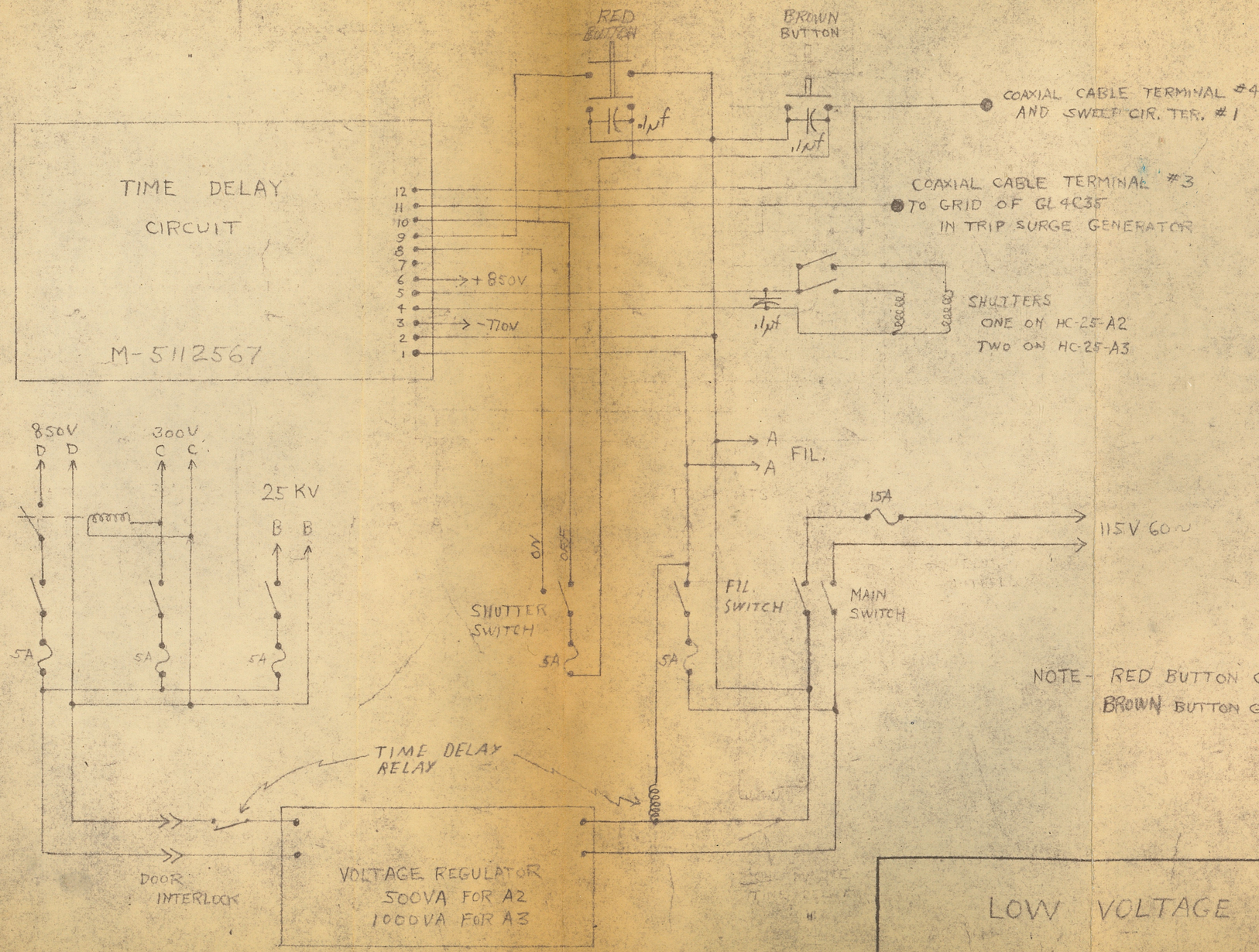


NOTE- RED BUTTON GIVES TWO SWEEPS
BROWN BUTTON GIVES ONE SWEEP

REVISIONS		
1	A. Roberts June 7-47	LM-6733
4	A. Roberts July 28-47	LM-6801
	A. Roberts Aug 22-47	LM 7016
	A. Roberts Sept 15-47	LM 7074
5	A. Roberts Sept 23-47	LM 7094
6	A. Roberts Nov 25-47	LM 7318
7	V. L. Cochran Aug 14-47	LM-7889
8	A. Roberts Oct 25-48	LM-8146

LOW VOLTAGE CIRCUITS

FIRST MADE FOR HG-25-A2 & A3 CATHODE RAY OSCILLOGRAPH

BEGUN BY A. Roberts March 20-47 | TRACED BY

FINISHED BY A. Roberts March 21-47 | INSPECTED J.E. Haywood May 26 '47

GENERAL ELECTRIC COMPANY SCHENECTADY WORKS

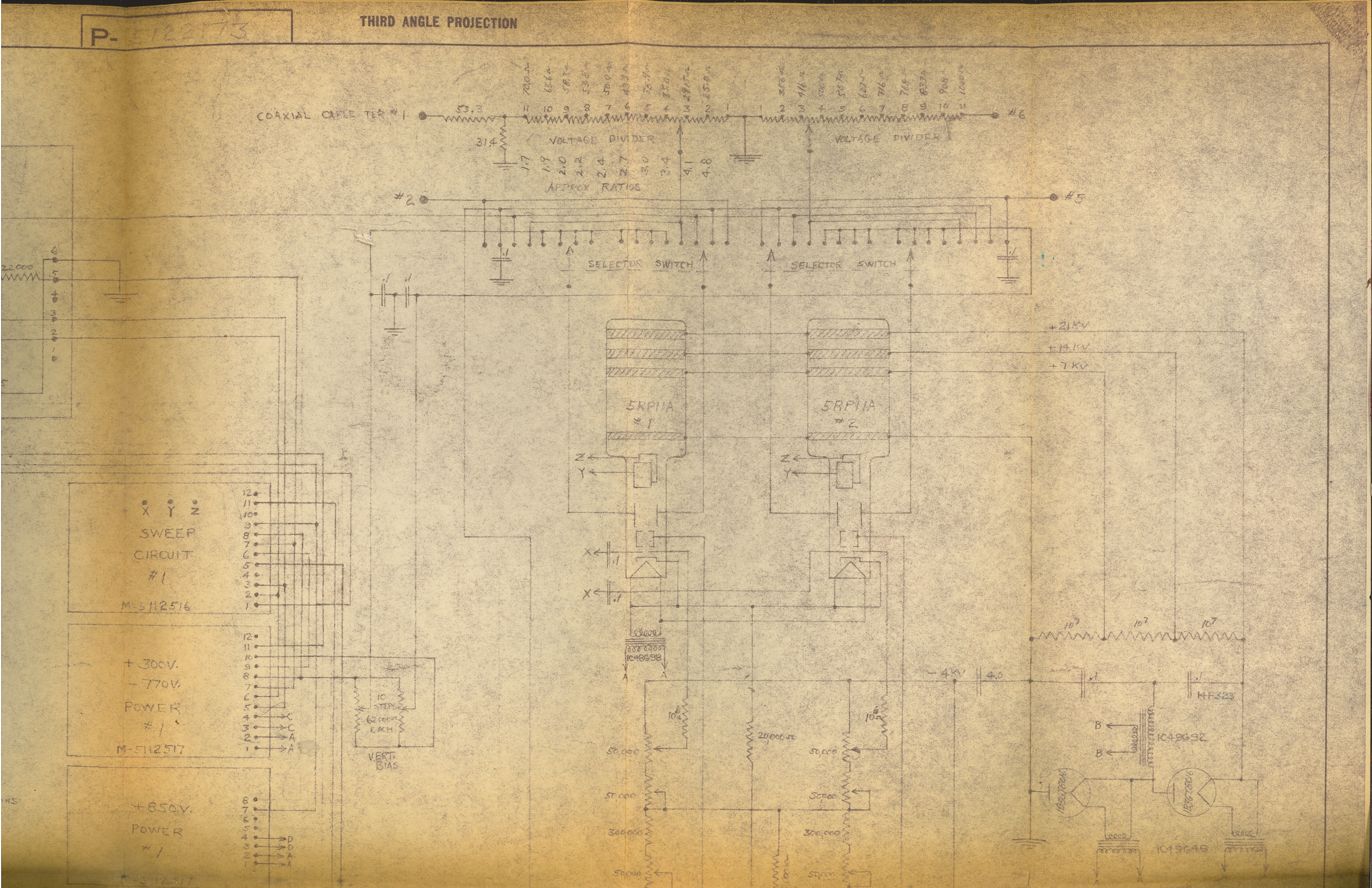
M-5112518

24
5-23
-L7
R

PRINTS

P-2122773

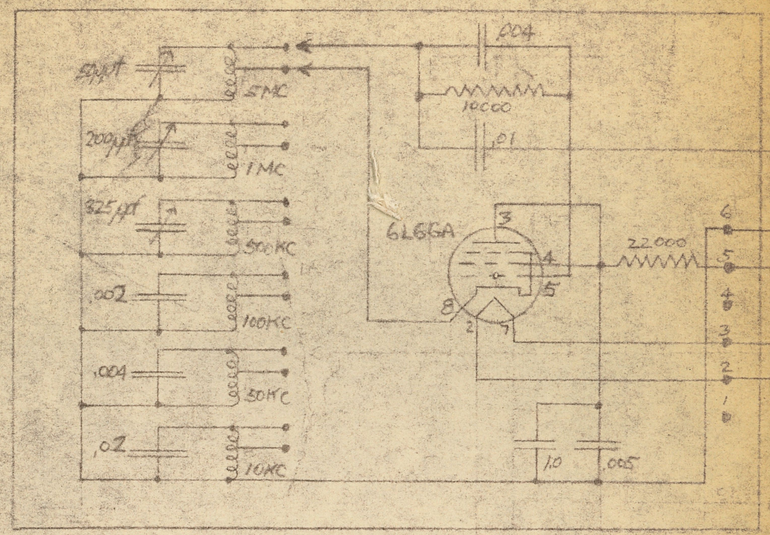
THIRD ANGLE PROJECTION

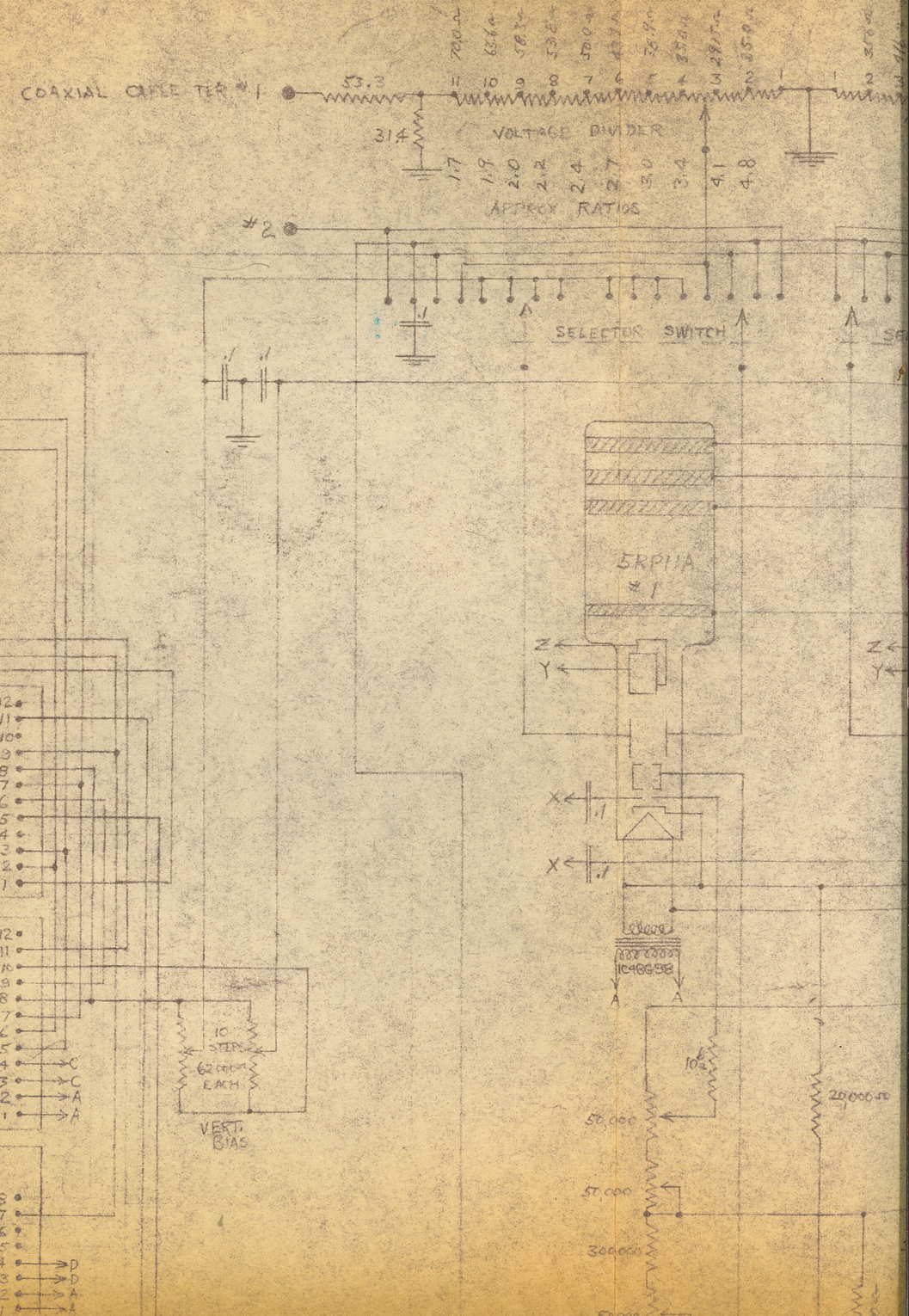


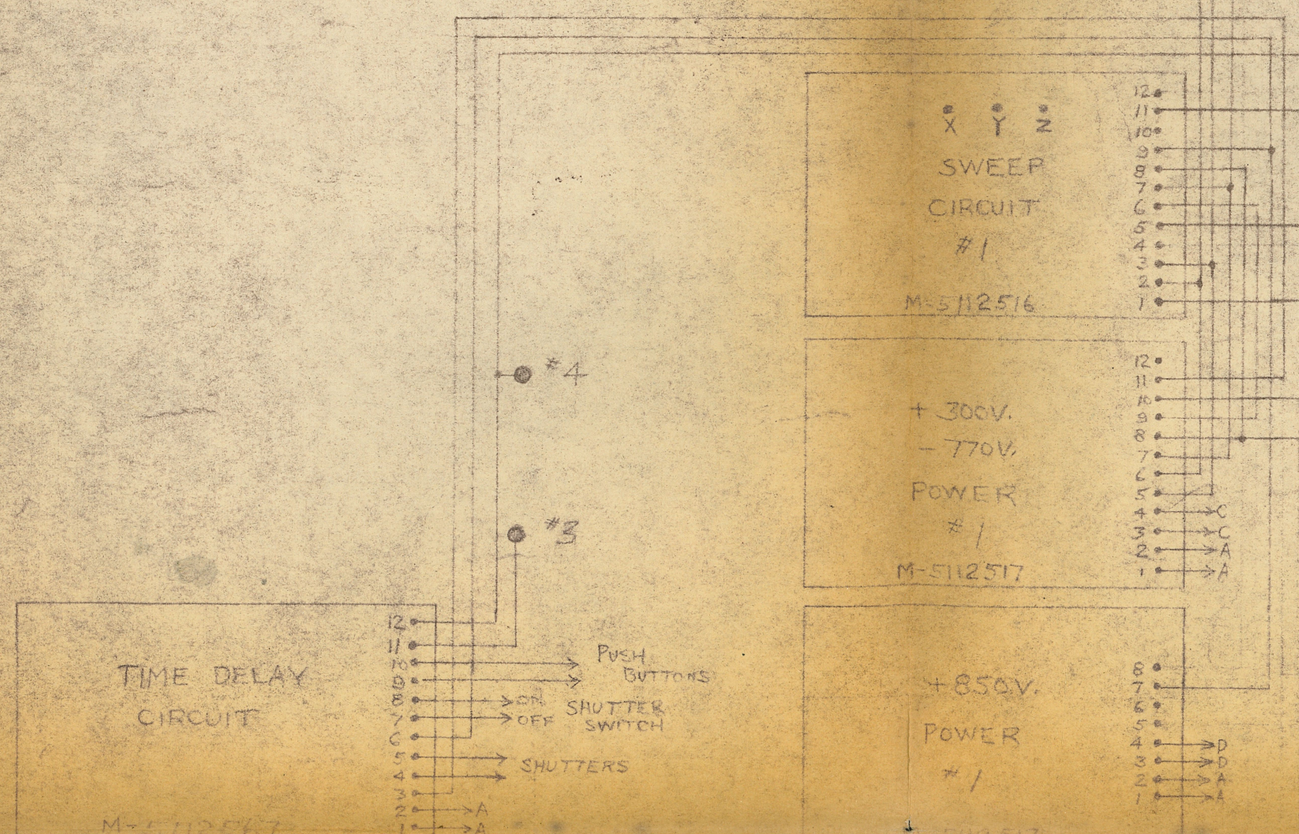
P-

THIRD ANGLE PROJECTION

TIMING WAVE OSCILLATOR







+300V.
-770V.
POWER
#1
M-5112517

+850V.
POWER
#1
M-5112517

X Y Z
SWEEP
CIRCUIT
#2
M-5112516

+300V.
-770V.
POWER
#2
M-5112517

+850
POWER
#2
M-5112517

VERT. BIAS

HOR. BIAS

JACK

100V. PER STEP

DC. CALIBRATION CIRCUIT

HIGH VOLTAGE CIRCUITS

FIRST MADE FOR HC-25-A3 CATHODE RAY OSCILLOGRAPH

BEGUN BY [illegible] May 16 42 TRACED BY

FINISHED BY [illegible] INSPECTED [illegible] May 25 42

GENERAL ELECTRIC WORKS

P-5122173

PRINTED IN U.S.A. FF-115 (1-40)

PRINTS TO

247

62

TIME DELAY CIRCUIT

M-5112567

*4

*3

PUSH BUTTONS

ON
OFF
SHUTTER SWITCH

SHUTTERS

+300V.
-770V.
POWER
#1
M-5112517

+850V.
POWER
#1
M-5112517

X Y Z
SWEEP
CIRCUIT
#2
M-5112516

+300V.
-770V.
POWER
#2
M-5112517

+850
POWER
#2
M-5112517

10 STEPS 62 OHMS EACH

VERT. BIAS

150,000Ω POTS.
HOR. BIAS

OA2

OA2

OA2

OA2

100V. PER STEP

JACK

D.C. CALIBRATION CIRCUIT

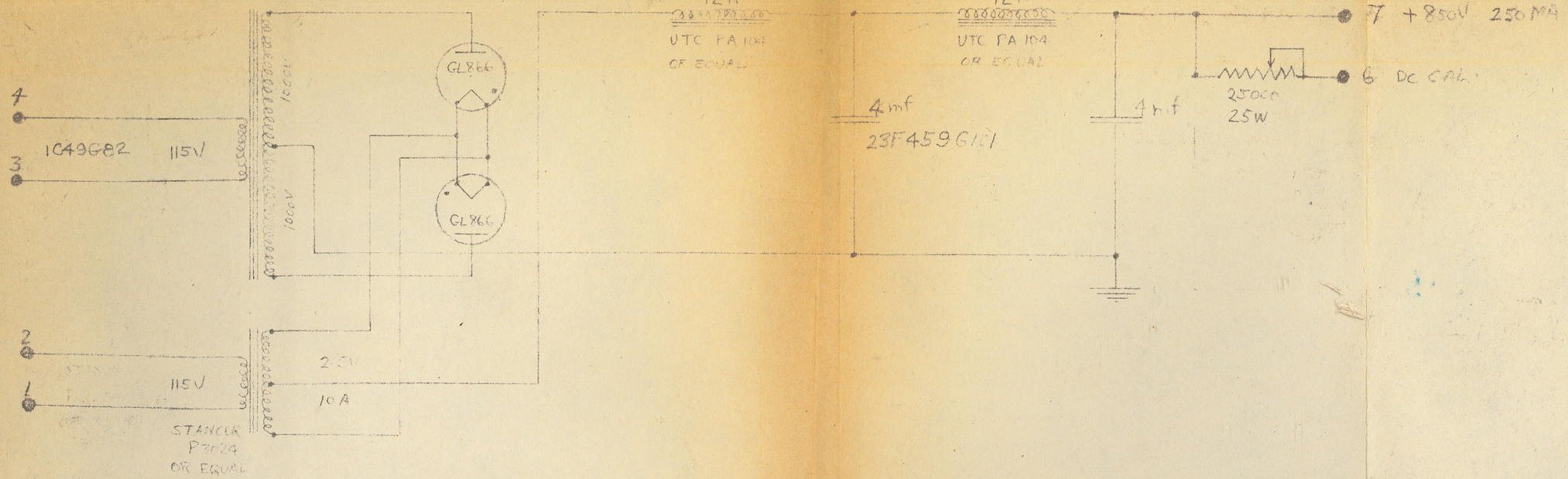
FIRST MADE FOR

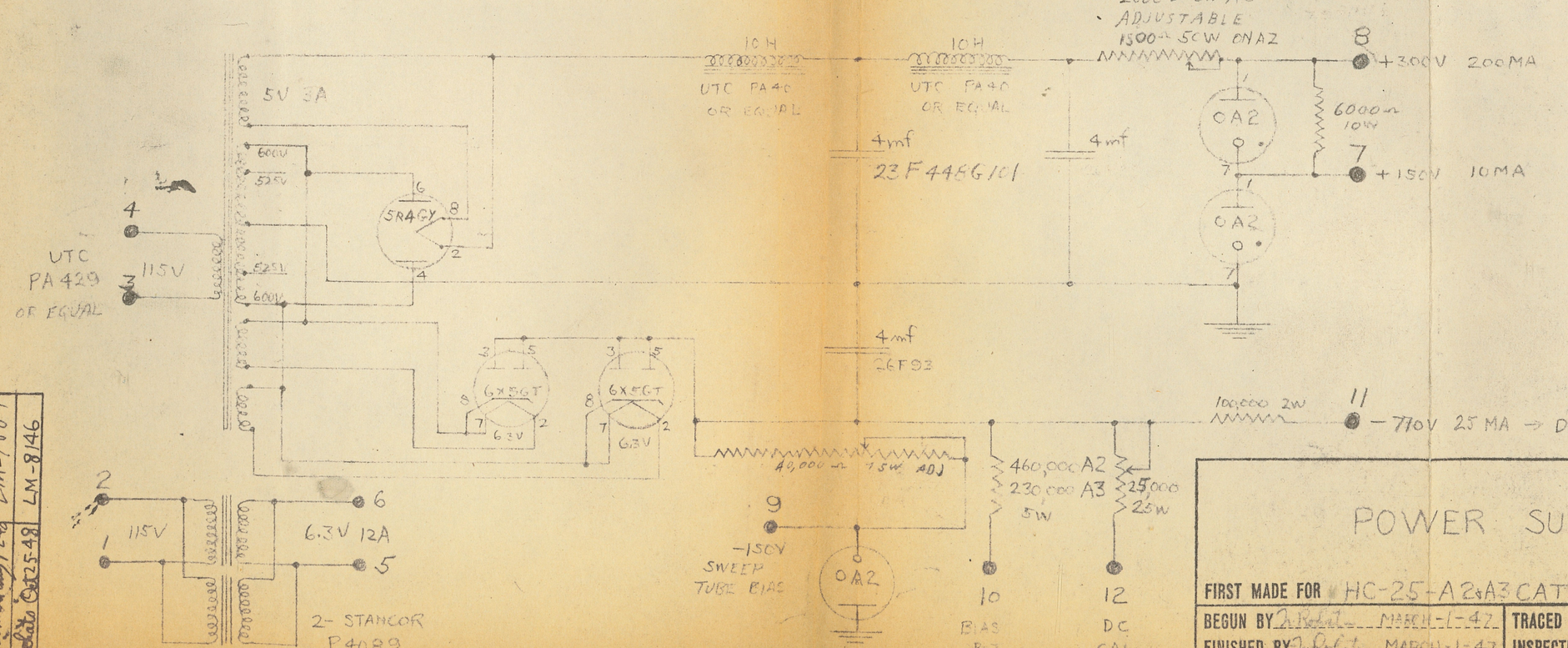
BEGUN BY

FINISHED BY

GENERAL

62





REVISIONS		
1	J. Robata May 7-47	LM-6733
2	J. Robata May 28-47	LM-6801
3	J. Robata Nov 20-47	LM-7313
4	J. Robata March 31-48	LM-7607
5	J. Robata May 12-48	LM-7889
6	J. Robata Oct 25-48	LM-8146

POWER SUPPLIES

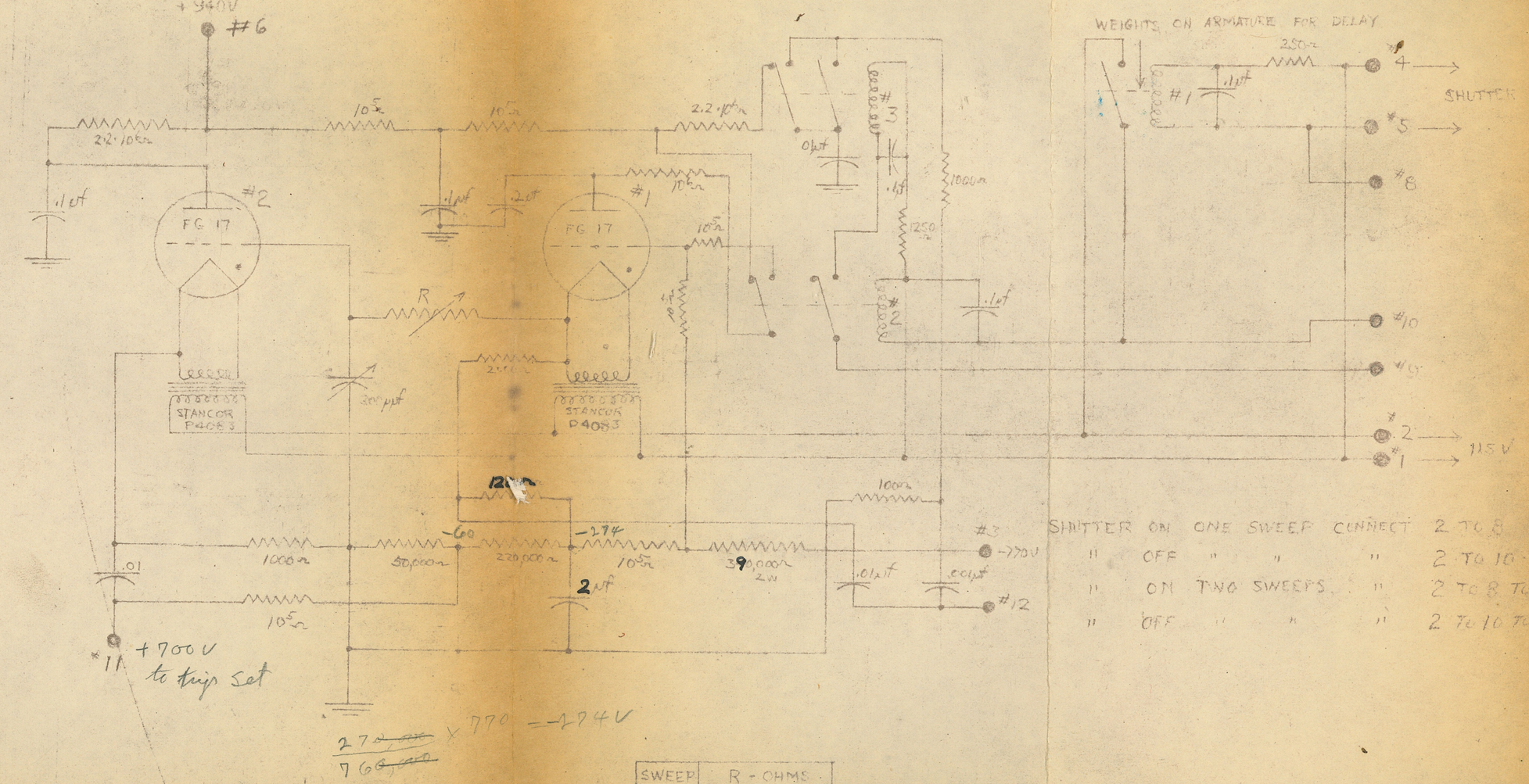
FIRST MADE FOR HC-25-A2-A3 CATHODE RAY OSCILLOGRAPH

BEGUN BY J. Robata MARCH-1-47	TRACED BY
FINISHED BY J. Robata MARCH-1-47	INSPECTED R. Elmgreen May 26-47

GENERAL ELECTRIC SCHENECTADY WORKS

M- 5112517

244
5-23
L
R
PRINTS TO



SHUTTER ON ONE SWEEP CONNECT 2 TO 8
" OFF " " " 2 TO 10
" ON TWO SWEEPS " 2 TO 8 TO 9
" OFF " " " 2 TO 10 TO 9

SWEEP	R - OHMS
1	1800
2	4700
3	20,000
4	68,000
5	100,000
6	220,000
7	500,000
8	1.5·10⁶
9	3.2 "
10	2.5 "
11	2.7 "

TIME DELAY CIRCUIT

FIRST MADE FOR HC-25-A2 + A3 CATHODE RAY OSCILLOGRAPH

BEGUN BY L. Roberts May 22-47 | TRACED BY

FINISHED BY L. Roberts May 22-47 | INSPECTED R. Elkonin H. May 25 '47

GENERAL ELECTRIC WORKS SCHENECTADY

M-5112567

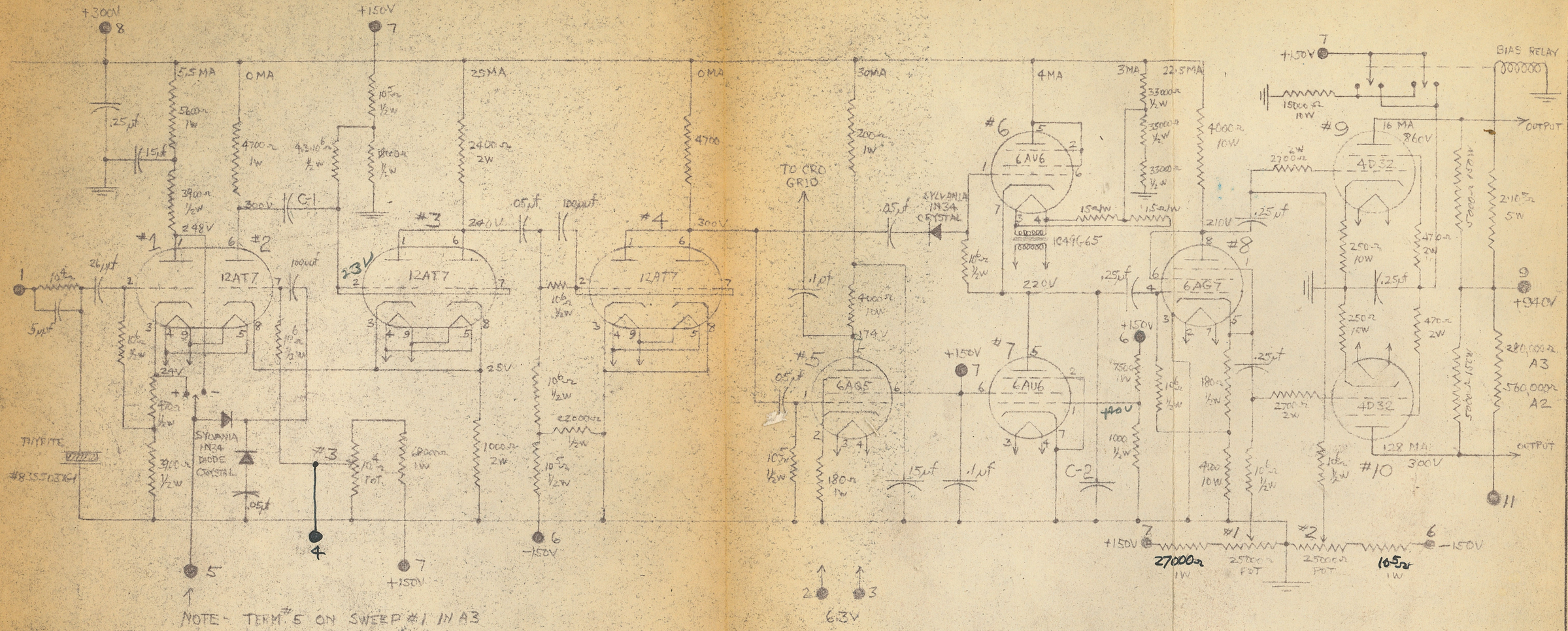
REVISIONS		
1	L. Roberts Aug 22-47	LM 7016
2	L. Roberts Sept 13-47	LM 7074
3	L. Roberts Nov 17-47	LM-7318
4	L. Roberts Oct 25-48	LM-8146

294

PRINTS TO

M-5112516

THIRD ANGLE PROJECTION



NOTE- TERM. 5 ON SWEEP #1 IN A3 TUBE #1 AND POLARITY SWITCH OMITTED IN A3.

SWEEP	M S	C-1 MMF	C-2 MF
1	1	2	.00005
2	2.5	4.5	.00022
3	6	8	.0005
4	15	20	.0020
5	30	55	.00356
6	60	95	.007
7	150	220	.016
8	400	275	.023
9	1000	40	.112
10	2000	1100	.25
11	5000	3600	.175

NOTE- TABLE VALUES ARE APPROXIMATE AND REQUIRE INDIVIDUAL ADJUSTMENT

REVISIONS

5	A. Roberts Oct 1-48	LM-8126
8	A. Roberts Oct 6-48	LM-8151
7	A. Roberts Nov 1-48	LM-8162

SWEEP CIRCUIT

FIRST MADE FOR HC-25-A2 & A3 CATHODE RAY OSCILLOGRAPH

BEGUN BY A. Roberts March 2-47

FINISHED BY A. Roberts March 2-47

TRACED BY N. BOHATS Oct. 15 '48

INSPECTED R.E. Graham Oct. 15 '48

GENERAL ELECTRIC WORKS SCHENECTADY

M-5112516

5 23 24 GL R PRINTS TO